

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	11	@ad<="20040122" and Actuator with serpentine and "line width"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:33
L3	0	@ad<="20040122" and "morph actuator" same "line" with (width or wide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:33
L4	0	@ad<="20040122" and "bimorph actuator" same "line" with (width or wide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:40
L6	457	@ad<="20040122" and "actuator" with "line" with (width or wide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:35
L7	27	@ad<="20040122" and "actuator" with "line width"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:40
L9	4	@ad<="20040122" and "bimorph actuator" with wide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:41
L10	11	@ad<="20040122" and "bimorph actuator" same wide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:41
L11	180	@ad<="20040122" and (257/254). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:07
L12	23	cantil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:02
L14	1239	cantilever same MEMS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:02

## EAST Search History

L15	407	@ad<="20040122" and (257/232). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:08
L16	1365	@ad<="20040122" and (257/432). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:08
L17	536	@ad<="20040122" and (257/467). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:09
L18	160	@ad<="20040122" and (257/470). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 14:09
S1	2	"20050161751"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:48
S4	396	@ad<="20040122" and "MEMS" and bimorph and actuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:53
S7	190	@ad<="20040122" and (360/77. 16).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:55
S8	95	@ad<="20040122" and "MEMS" and bimorph and actuator and static	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 16:17
S9	320	@ad<="20040122" and (310/331). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:19
S10	313	@ad<="20040122" and (310/332). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 15:56
S11	502	@ad<="20040122" and (310/330). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 16:02

## EAST Search History

S12	674	@ad<="20040122" and (257/414). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:57
S13	58	@ad<="20040122" and "bimorph actuator" and static	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:13
S14	1	@ad<="20040122" and "morph actuator" and static	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:33
S15	11	@ad<="20040122" and bimorph with actuator same "polysilicon" same "gold"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:25
S16	703	@ad<="20040122" and (359/223). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:19
S17	731	@ad<="20040122" and (359/224). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:47
S18	3	@ad<="20040122" and "bimorph actuator" and "payload" and "static"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:32
S19	8	@ad<="20040122" and "bimorph actuator" and "payload"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:29
S20	495	@ad<="20040122" and actuator and "payload" and static	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:30
S21	18	@ad<="20040122" and actuator and "payload" and static and deformable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:30
S22	349	@ad<="20040122" and "bimorph actuator"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:54

## EAST Search History

S23	422	@ad<="20040122" and (60/527). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 08:47
S24	209	@ad<="20040122" and (60/528). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 10:29
S25	1	"20020106834".PN.	US-PGPUB	OR	ON	2006/05/18 08:52
S26	594	@ad<="20040122" and "MEMS actuator"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 09:07
S27	1	"6449406".PN.	USPAT; USOCR	OR	ON	2006/05/18 08:54
S28	1	"6438954".PN.	USPAT; USOCR	OR	ON	2006/05/18 08:55
S29	1	"6366414".PN.	USPAT; USOCR	OR	ON	2006/05/18 08:55
S30	1	"6360036".PN.	USPAT; USOCR	OR	ON	2006/05/18 08:55
S31	1	"6275325".PN.	USPAT; USOCR	OR	ON	2006/05/18 08:55
S32	1	"6259835".PN.	USPAT; USOCR	OR	ON	2006/05/18 08:55
S33	464	@ad<="20040122" and Actuator and serpentine and "MEMS"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 09:11
S34	16	@ad<="20040122" and Actuator same serpentine same "MEMS"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 09:33
S35	1	"6070851".PN.	USPAT; USOCR	OR	ON	2006/05/18 09:23
S36	1	"6067797".PN.	USPAT; USOCR	OR	ON	2006/05/18 09:24
S37	1	"6044646".PN.	USPAT; USOCR	OR	ON	2006/05/18 09:24
S38	1	"5903380".PN.	USPAT; USOCR	OR	ON	2006/05/18 09:24
S39	469	@ad<="20040122" and Actuator same serpentine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 09:46

## EAST Search History

S40	197	@ad<="20040122" and "MEMS" and actuator same serpentine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 09:34
S41	250	@ad<="20040122" and Actuator with serpentine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/18 13:31
S42	2	("6678458").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/18 10:29